

### REMARKS/ARGUMENTS

The claims are 1-8 and 10-12. Claim 1 has been amended to better define the invention and to change "synthetic organ" unit to --synthesizing-- unit. A similar change has been made to claim 5. Claim 9 has been canceled in favor of new claim 12, to better define the invention, and claims 10-11, which previously depended on claim 9, have been amended to depend on new claim 12. These claims and claims 2-4 and 6-8 have also been amended to improve their form. The specification has been amended to include headings as requested by the Examiner, and a new declaration is submitted to replace the previous one objected to by the Examiner. Support may be found, inter alia, in the disclosure at pages 9 and 12. Reconsideration is expressly requested.

The declaration was objected to as being defective as referring to "material to the examination" and "Section 1.56(a)" instead of referring to --material to patentability as defined in 37 CFR 1.56--. In response, Applicants submits herewith a new declaration that refers to --material to patentability as defined in 37 CFR 1.56-- as requested by the Examiner, thereby obviating the Examiner's objection to the declaration as being defective.

The specification was objected to as lacking headings. In response, Applicants have amended the specification to include such headings which it is respectfully submitted overcomes the Examiner's objection on this basis.

The claims were objected to as including reference characters and as being indefinite for the reasons set forth on pages 4-6 of the Office Action. Claims 9-11 were also rejected under 35 U.S.C. 101 as amounting to a claimed recitation of a use without setting forth any steps involved in the process, thereby resulting in an improper process claim under 35 U.S.C. 101.

In response, Applicants have canceled claim 9 in favor of new claim 12, and have amended claims 1-8 and 10-11, which it is respectfully submitted overcomes the Examiner's objection to the claims and rejection under 35 U.S.C. §101.

Claims 1-11 were also rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement for the reasons set forth on pages 3-4 of the Office Action. Specifically, the Examiner objected to the limitation "synthetic organ" as being insufficiently described in the specification

such that one skilled in the art would be unable to make the invention in the Examiner's view.

In response, Applicants have amended claims 1 and 5 to delete reference to "synthetic organ" in favor of the term --synthesizing-- units to conform with the specification and the drawings which illustrates this unit with the reference numeral 9. It is respectfully submitted that the foregoing amendments overcome the Examiner's rejection under 35 U.S.C. 112, first paragraph, on the basis of the term "synthetic organ," and Applicants respectfully respect that the rejection on that basis be withdrawn.

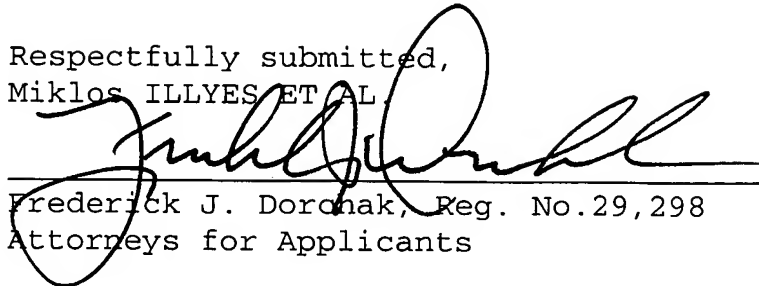
As no prior art rejections have been made against any of the claims, it is respectfully submitted that the claims are now in condition for allowance.

In summary, claims 1-8 and 10-11 have been amended, claim 9 has been canceled, and new claim 12 has been added. The specification has also been amended, and a new declaration has been submitted. In view of the foregoing, it is respectfully

requested that the claims be allowed and that this case be passed to issue.

Respectfully submitted,  
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Enclosure: Declaration

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 18, 2007.



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Amy Klein

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